RECEIVED

AUG 1 9 2005 FORM APPROVED Form 3160-3 OMB No. 1004-0136 (August 1999) Expires November 30, 2000 DEPARTMENT OF THE INTERIOR OIL, GAS & MINING 5. Lease Serial No. UTU-0579 BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. 1a. Type of Work: X DRILL REENTER NATURAL BUTTES UNIT 8. Lease Name and Well No. b. Type of Well: Oil Well Multiple Zone Gas Well Other Single Zone NBU 920-25L 9. API Well No 2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P. 10. Field and Pool, or Exploratory 3b. Phone No. (include area code) 3A. Address (435) 781-7060 NATURAL BUTTES 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 11. Sec., T., R., M., or Blk, and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 40.004178 NWSW 1993' FSL 650' FWL 6/7707X At surface SEC 25-T9S-R20E At proposed prod. Zone 44289211 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* UT UINTAH 10.75 MILES SOUTHEAST OF OURAY, UTAH 17. Spacing Unit dedicated to this well Distance from proposed' 16. No. of Acres in lease location to nearest 650' property or lease line, ft. (Also to nearest drig. unit line, if any) 1920 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 20. BLM/BIA Bond No. on file REFER TO CO-1203 10050 TOPO C 23. Estimated duration 22. Approximate date work will start* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) UPON APPROVAL TO BE DETERMINED 4873.7' GL 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized office.

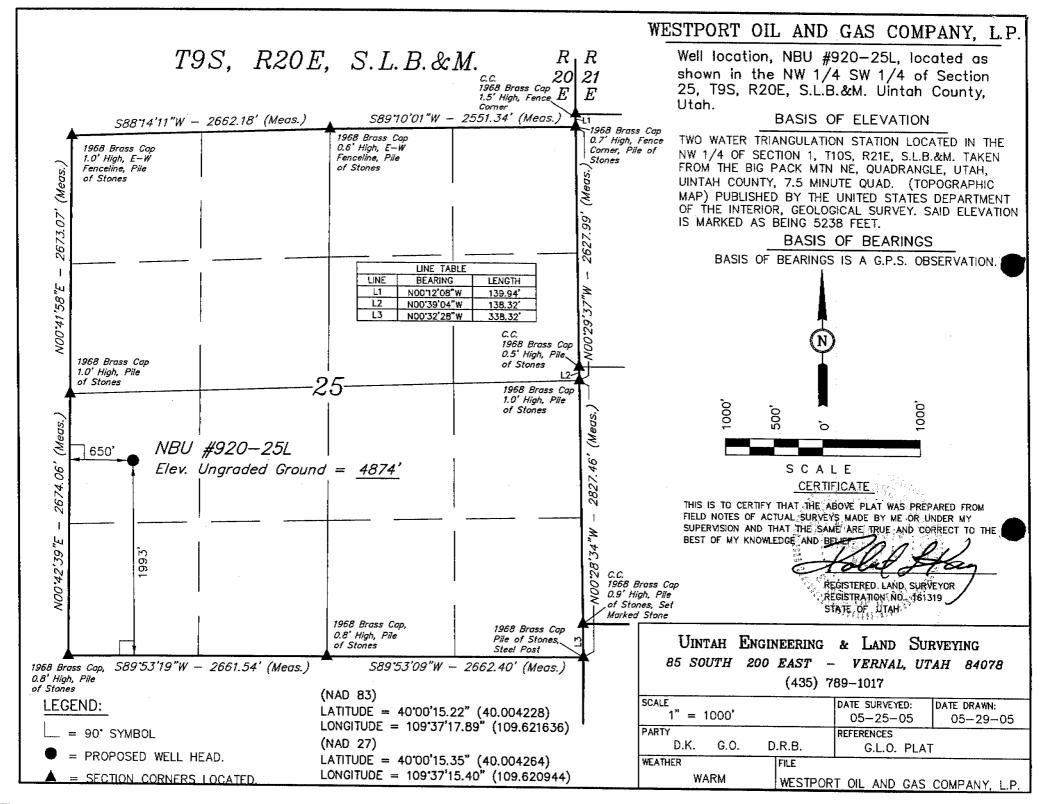
25. Signature	Name (Printed/Typed)	i Date
Delra Detrugue	DEBRA DOMENICI	8/17/2005
Title		
	ASSOCIATE ENVIRONMENTAL ANALYST	
Approved by (Nighature)	Name (Printed/Typed)	Date
Just MV	BRADLEY G. HILL	100-23-03
Title	ENVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

^{*(}Instructions on reverse)



NBU #920-25L NWSW Sec. 25, T9S,R20E UINTAH COUNTY, UTAH UTU-0579

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

Formation	<u>Depth</u>
Uinta	0- Surface
Green River	1790'
Wasatch	5150'
Mesaverde	8150'
TD	10050'
Mesaverde	8150'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1790'
Gas	Wasatch	5150'
Gas	Mesaverde	8150'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 10050' TD, approximately equals 4020 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1809 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

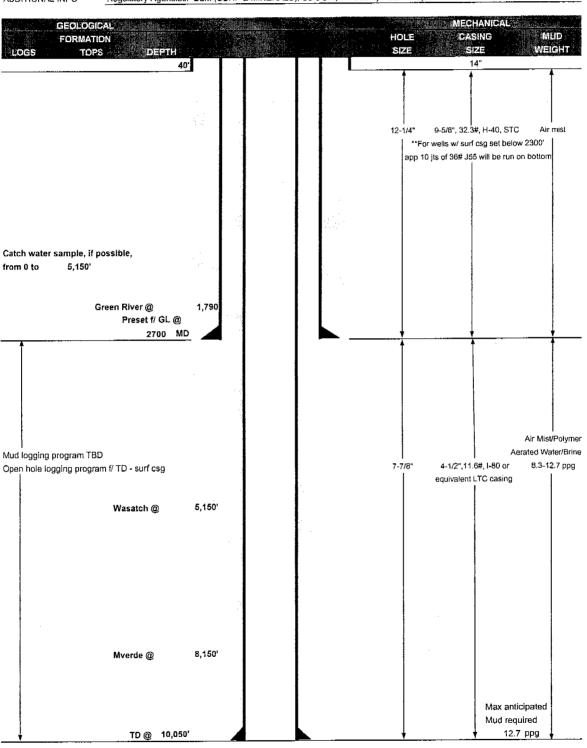
10. Other Information:

Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.	DATE	August 3, 2	005		
WELL NAME	NBU 920-25L	TD	10,050' N	ID/TVD		
FIELD Natural Bu	ttes COUNTY Uintah STATE L	Jtah	ELEVATION	4,874' GL	KE	4,889'
SURFACE LOCATION	NWSW SECTION 25-T9S-R20E 1993'FSL & 650'F	WL			BHL	Straight Hole
	Latitude: 40.004228 Longitude: 109.6	21636				
OBJECTIVE ZONE(S	Wasatch/Mesaverde					
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINERALS),	UDOGM, Tri-0	County Health Dept	,		







Westport Oil and Gas Company, L.P. DRILLING PROGRAM

CASING PROGRAM

								200	ESIGN FACT	September 1997
	SIZE	11	TERV	AL.	WT.	GR,	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2300	32.30	H-40	STC	0.51****** 3520	1.27 2020	3.33 564000
	9-5/8"	2300	to	2700	36.00	J-55	STC	1,03******	1.60	7.39
PRODUCTION	4-1/2"	0	to	10050	11.60	I - 80	LTC	7780 1.76	6350 0.96	201000

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

12.7 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

4426 psi

CEMENT PROGRAM

Burst SF is low but esg is stronger than formation at 2700 feet

EMW @ 2700 for 2270# is 16.2 ppg or 0.8 psi/ft

					5.60°600.6000.7000.711	ac Thereses	500000 San
		FT. OF FILL	DESCRIPTION	SACKS	EX(8E55)		YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				4.7
•	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
			+ 2% CaCl + .25 pps flocele		,		
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surfac	e, option 2	2 will be uti	lized	
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	тор ошт смт	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
					to the same		
PRODUCTION	N LEAD	4,650'	Premium Lite II + 3% KCI + 0.25 pps	510	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel	1.0			1
			+ 0.5% extender				
	ì						
	TAIL	5,400'	50/50 Poz/G + 10% salt + 2% gel	1510	60%	14.30	1.31
			+ 1% R-3		. '		

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

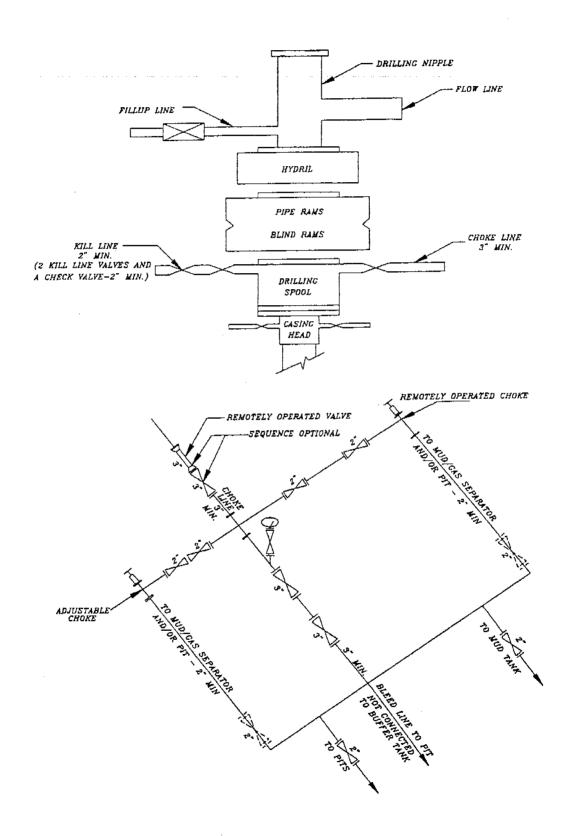
ADDITIONAL INFORMATION

	BOPE: 11" 5M with one ar	nular and 2 rams. Test to 5,000 psi (annular to 2,500 psi)	prior to drilling out. Record on chart recorder &
	tour sheet. Function test re	ms on each trip. Maintain safety valve & inside BOP on rig	floor at all times. Kelly to be equipped with upper
	& lower kelly valves.		
	Drop Totco surveys every	000'. Maximum allowable hole angle is 5 degrees.	
DRILLING	ENGINEER:		DATE:
		Brad Laney	
ORILLING	SUPERINTENDENT:		DATE:

Randy Bayne NBU920-25L_I80_APD(pipeline).xls

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU #920-25L NWSW SEC 25-T9S-R20E UINTAH COUNTY, UTAH UTU-0579

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU #920-25L on 8/9/05, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.7 miles of existing 2-track needs upgraded, approximately 0.5 miles of re-habed road needs upgraded, and approximately 0.45 miles of new access road is proposed. Refer to Topo Map B.

3. <u>Location of Existing Wells Within a 1-Mile Radius</u>

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

Please see the Natural Buttes Unit SOP.

Refer to Topo Maps D and D1 for the location of the proposed pipelines.

Variances to Best Management Practices (BMPs) Requested:

Approximately 2280' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurate bedrock, such as sandstone, is at or within 2 feet of the surface.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads. The hillside on the northwest side of the pit will be avoided.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheatgrass	4 lbs.
Shadscale	4 lbs.
Gardiner Saltbush	4 lbs.

The topsoil shall be spread on the location where practical and reseeded one time.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Stipulations:

Wildlife Stipulations:

Antelope Stipulations:

No construction from May 15 through June 20. A variance may be granted upon request.

13. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Debra Domenici Associate Environmental Analyst Wesport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Delra ominio	8/17/2005
Debra Domenici	Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25L SECTION 25, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING RE-HABED ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 41.75 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25L LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T9S, R20E, S.L.B.&M.

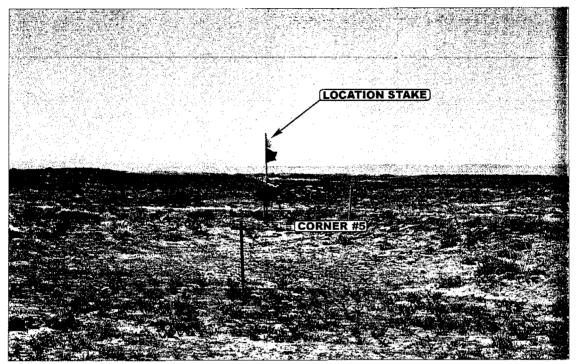


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

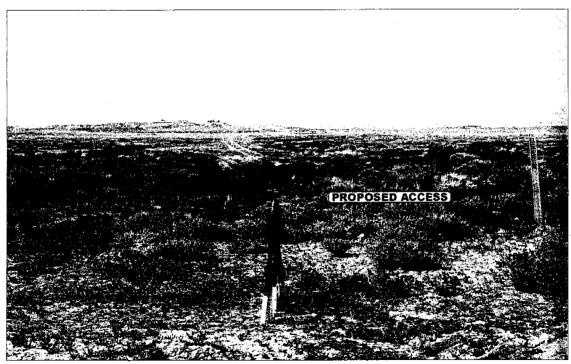


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

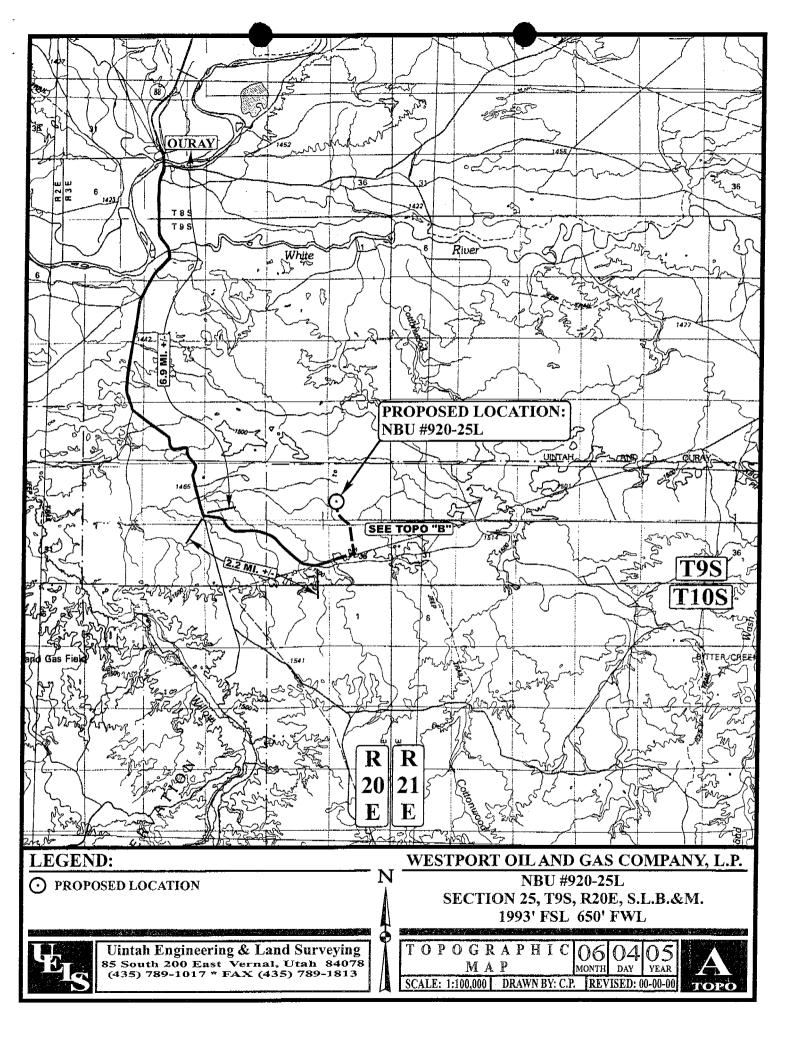
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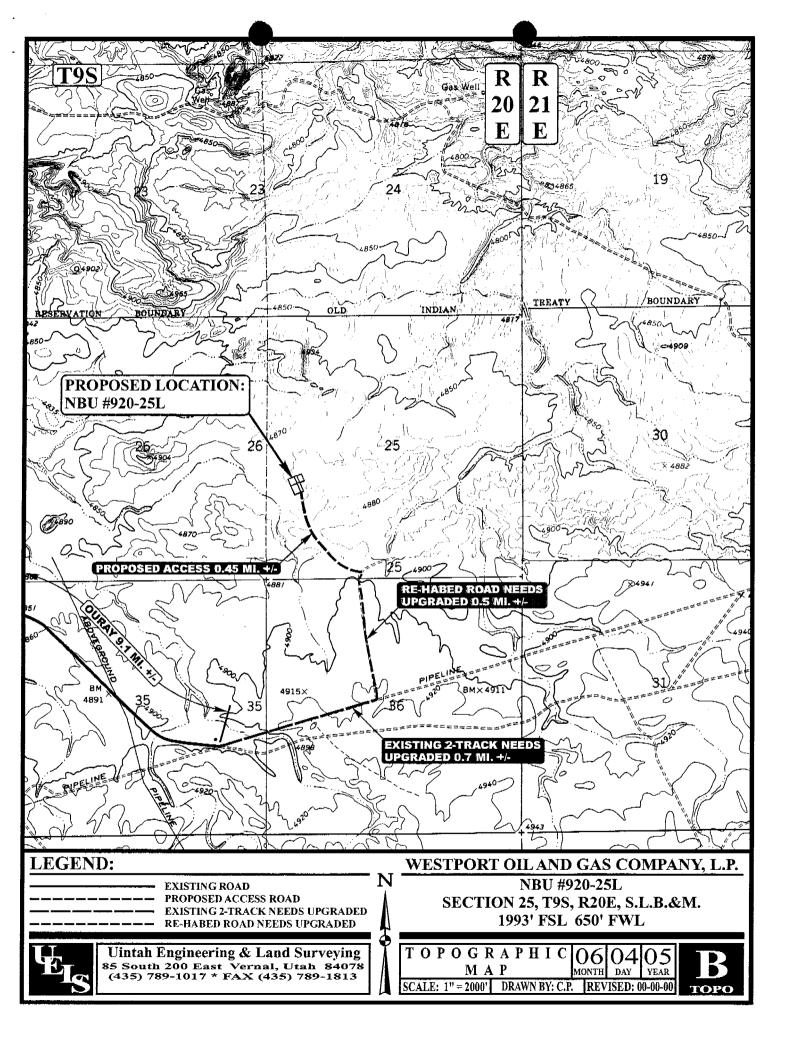


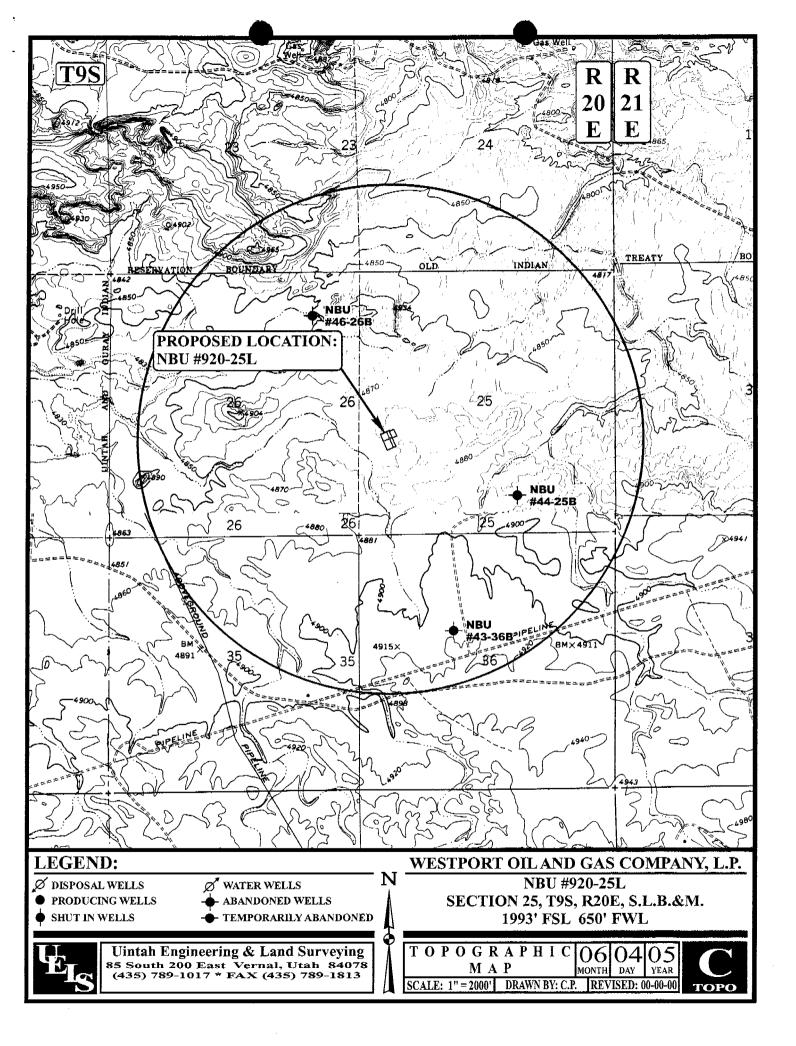
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

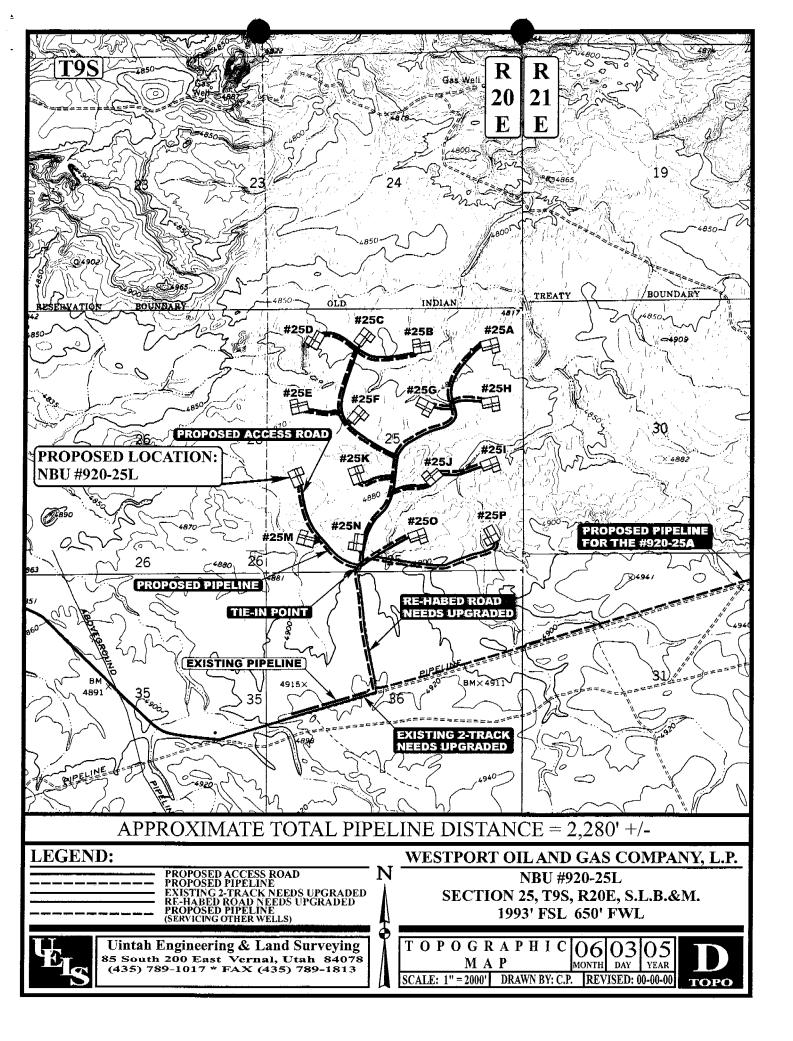
LOCATION PHOTOS OF 04 05

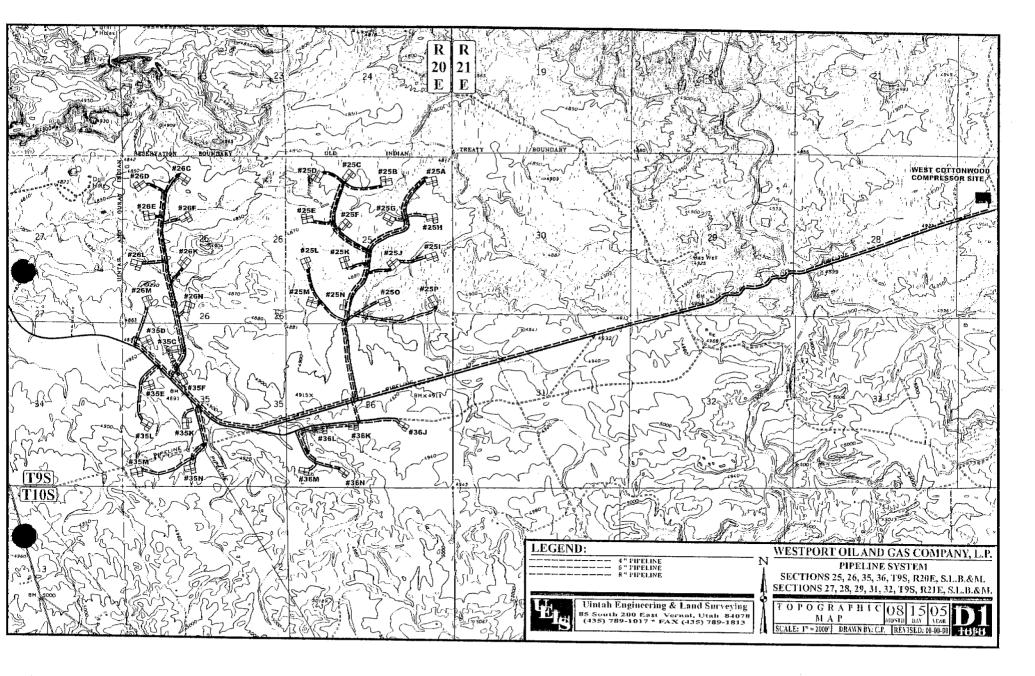
TAKEN BY: D.K. DRAWN BY: C.P. REVISED: 00-00-00

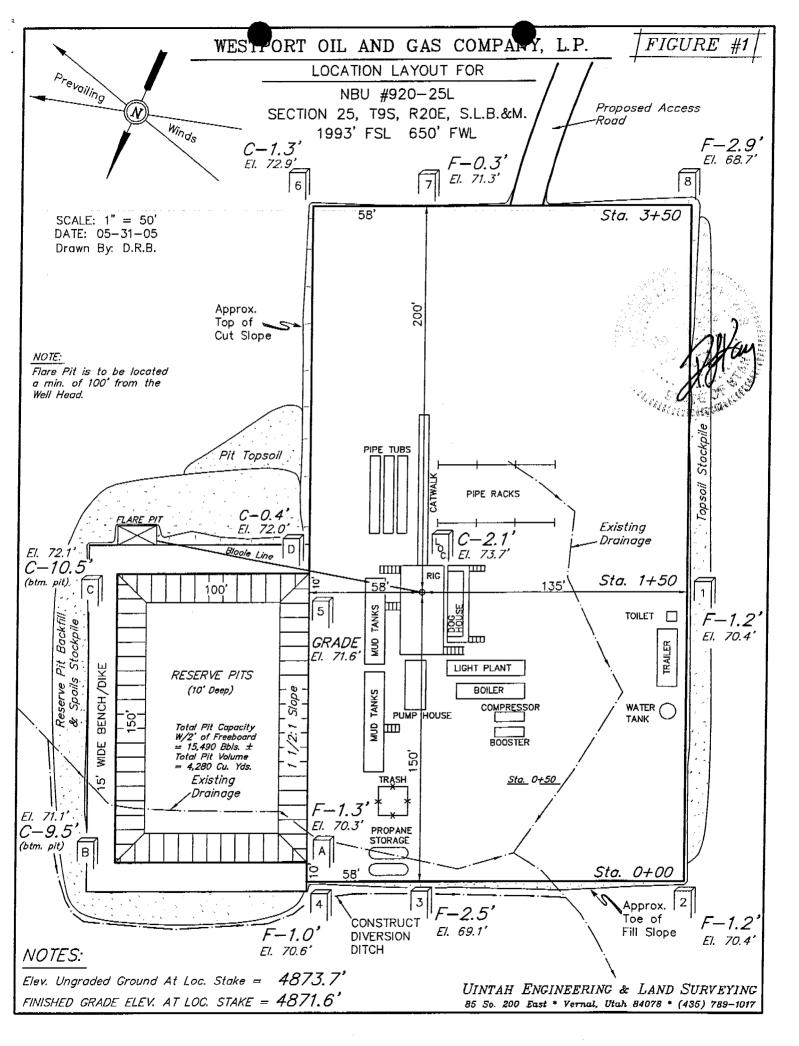


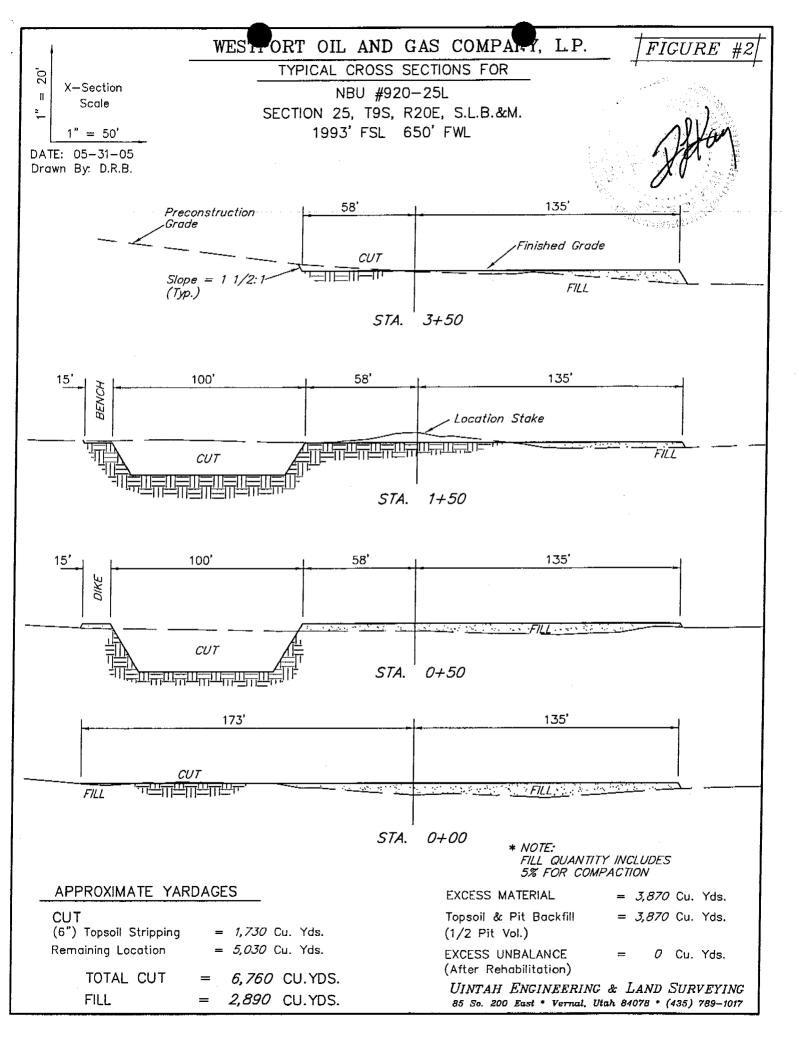




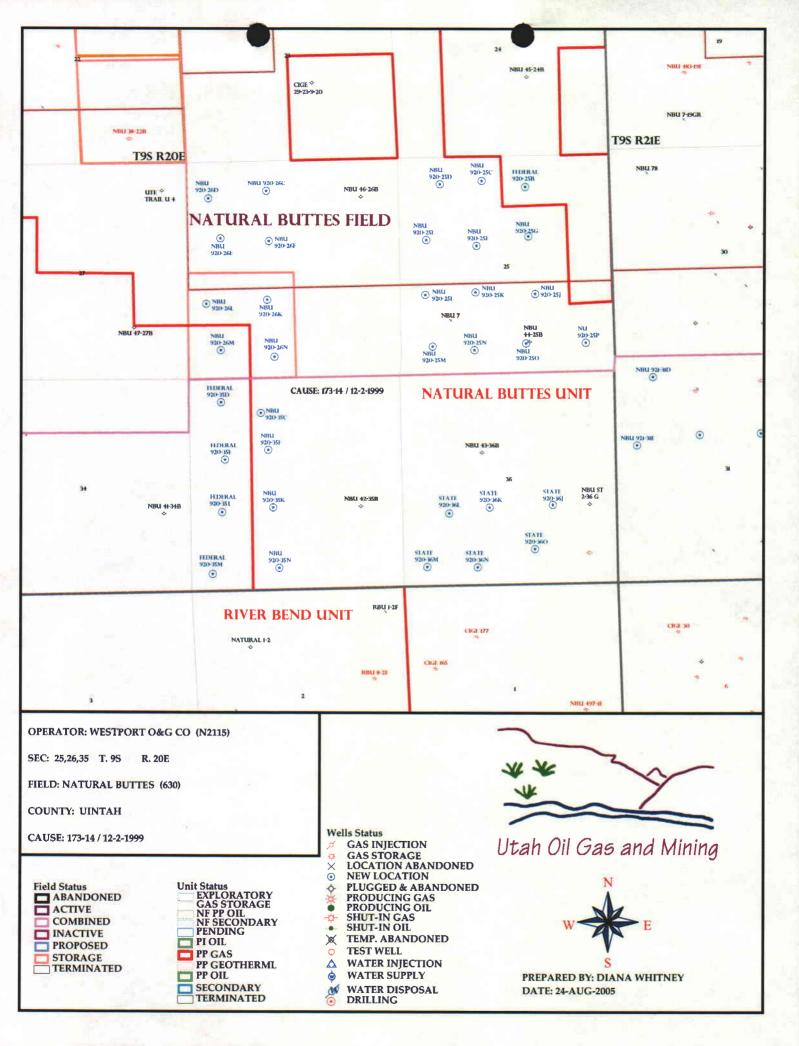








APD RECEIVED: 08/19/2005	API NO. ASSIGN	ED: 43-047-3699	9
WELL NAME: NBU 920-25L OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI	PHONE NUMBER: 4	35-781-7060	
PROPOSED LOCATION:			
NWSW 25 090S 200E	INSPECT LOCATN	IBY: / /	
SURFACE: 1993 FSL 0650 FWL BOTTOM: 1993 FSL 0650 FWL	Tech Review	Initials	Date
UINTAH	Engineering		
NATURAL BUTTES (630)	Geology		
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-0579	Surface		
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	LATITUDE: 40.0		
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) NM Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	R649-3-3. If Drilling Unit Board Cause Eff Date: Siting:	TES General rom Qtr/Qtr & 920' E Exception	4 9 uncommetre
COMMENTS: Sop, Superate Gu			
STIPULATIONS: 1- ELAND ORPPWOND 2-ON SHALE			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 25, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-36998 NBU 920-25K Sec 25 T09S R20E 2025 FSL 1908 FWL 43-047-36999 NBU 920-25L Sec 25 T09S R20E 1993 FSL 0650 FWL 43-047-37000 NBU 920-25M Sec 25 T09S R20E 0696 FSL 0841 FWL 43-047-37001 NBU 920-25N Sec 25 T09S R20E 0584 FSL 1888 FWL 43-047-37002 NBU 920-250 Sec 25 T09S R20E 0724 FSL 2156 FEL 43-047-37003 NBU 920-25P Sec 25 T09S R20E 0707 FSL 0666 FEL 43-047-37005 NBU 920-25C Sec 25 T09S R20E 0579 FNL 2047 FWL 43-047-37006 NBU 920-25D Sec 25 T09S R20E 0627 FNL 1002 FWL 43-047-37007 NBU 920-25E Sec 25 T09S R20E 2005 FNL 0666 FWL 43-047-37008 NBU 920-25F Sec 25 T09S R20E 2194 FNL 1924 FWL 43-047-37009 NBU 920-25G Sec 25 T09S R20E 2012 FNL 2051 FEL 43-047-37010 NBU 920-25J Sec 25 T09S R20E 1956 FSL 1903 FEL 43-047-37012 NBU 920-26C Sec 26 T09S R20E 0740 FNL 1996 FWL 43-047-37013 NBU 920-26D Sec 26 T09\$ R20E 0938 FNL 0552 FWL 43-047-37014 NBU 920-26E Sec 26 T09S R20E 1926 FNL 0841 FWL 43-047-37015 NBU 920-26F Sec 26 T09S R20E 1997 FNL 2053 FWL 43-047-37016 NBU 920-26K Sec 26 T09S R20E 1969 FSL 1986 FWL 43-047-37017 NBU 920-26L Sec 26 T09S R20E 1907 FSL 0461 FWL 43-047-37018 NBU 920-26N Sec 26 T09S R20E 0538 FSL 2143 FWL 43-047-37019 NBU 920-35C Sec 35 T09S R20E 0865 FNL 1787 FWL

Page 2

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-37023 NBU 920-35F Sec 35 T09S R20E 1805 FNL 1962 FWL 43-047-37024 NBU 920-35K Sec 35 T09S R20E 2075 FSL 2066 FWL 43-047-37026 NBU 920-35N Sec 35 T09S R20E 0574 FSL 2195 FWL 43-047-37029 NBU 1021-14M Sec 14 T10S R21E 1260 FSL 1330 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



State of Utah

Department of **Natural Resources**

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > August 25, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 920-25L Well, 1993' FSL, 650' FWL, NW SW, Sec. 25, T. 9 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36999.

Sincerely.

Associate Director

pab **Enclosures**

Uintah County Assessor cc:

Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP					
Well Name & Number	Natural Buttes U	Jnit 920-25L			
API Number:	43-047-36999				
Lease:	UTU-0579				
Location: NW SW	Sec. 25	T. 9 South	R. 20 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3 160-5 (August 1999)

ED STATES

	FORM APPROVED
	OMB No. 1004-0135
7	Expires Inovember 30, 2

FORM APPROVED
OMB No. 1004-0135
Expires Inovember 30, 200

DEP.	ARTMENT OF THE IN	TERIOR		Expires Inovember 30, 2000		
• BURI	5. Lease Serial No.					
SUNDRY	UTU-0579					
Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name					
	ICATE – Other instru	ctions on revers	e side	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES		
 Type of Well Oil Well Gas Well 	Other			8. Well Name and No.		
Name of Operator	- 0.1101			NBU 920-25L		
WESTPORT OIL & GAS CO	MPANY, L.P.			9. API Well No.		
3a. Address	,	3b. Phone No. (include	de area code)	43047-36999		
1368 SOUTH 1200 EAST, V	ERNAL, UTAH 84078	435-781-7060		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,				NATURAL BUTTES		
NWSW SEC 25-T9S-R20E				11. County or Parish, State		
1993' FSL 650' FWL				UINTAH, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, F	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION			PE OF ACTION			
■ Notice of Intent ■ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamation			
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporari Water Dist	ly Abandon posal		
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved	ations (clearly state all pertinent lly or recomplete horizontally, gi k will be performed or provide to perations. If the operation resul- andonment Notices shall be file.	ve subsurface locations an he Bond No. on file with ts in a multiple completio	d measured and the BLM/BIA. Requi n or recompletion	any proposed work and approximate duration thereof, are vertical depths of all pertinent markers and zones, ired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once amation, have been completed, and the operator has		
PURSUANT TO REQUESTS FOR THE ABOVE REFEREI TO THE ATTACHED TOPOS OPERATOR REQUESTS THE LOCATION.	NCED WELL TO AVOI S A, B, AND D FOR TH	D AN ARCHAEOL IE NEW PLACEM	OGICAL SIT	E. PLEASE REFER E ROAD AND PIPELINE.		
EGOATION.		Accepted b				

THIS SPACE FOR FEDERAL OR STATE USE

DEBRA DOMENICI

I hereby certify that the foregoing is true and correct

ASSOCIATE ENVIRONMENTAL ANALYST

December 12, 2005

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Oil, Gas and Mining FOR RECORD ONLY

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. RECEIVED

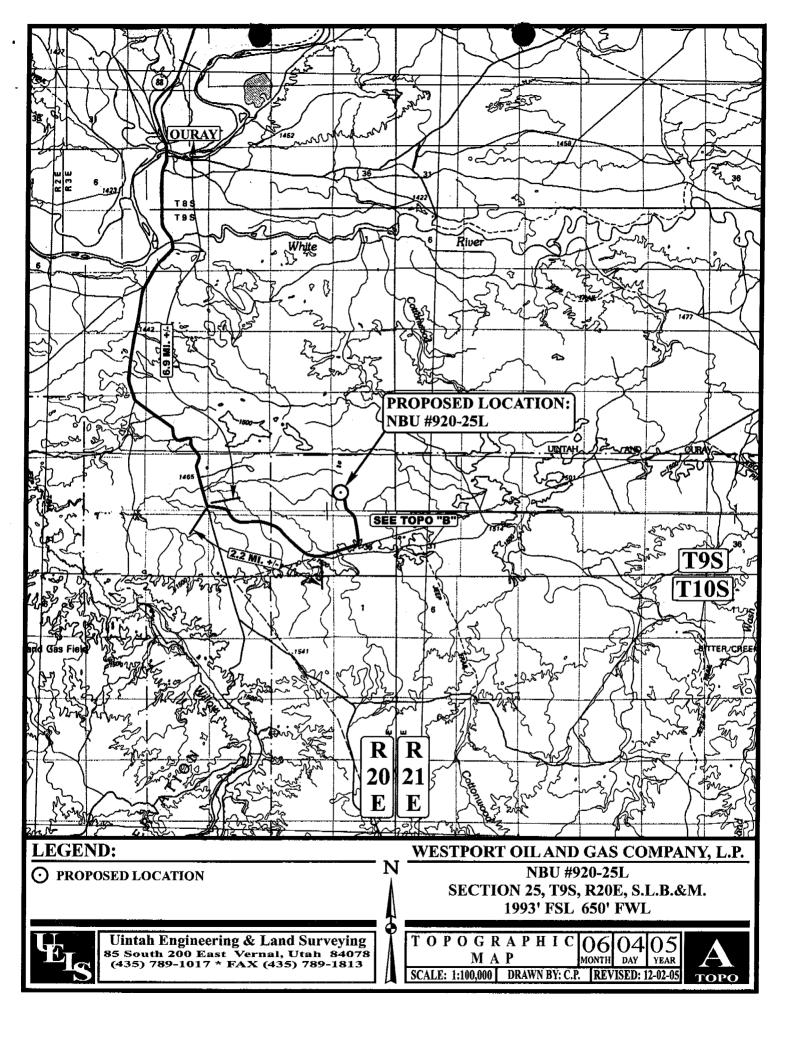
Title

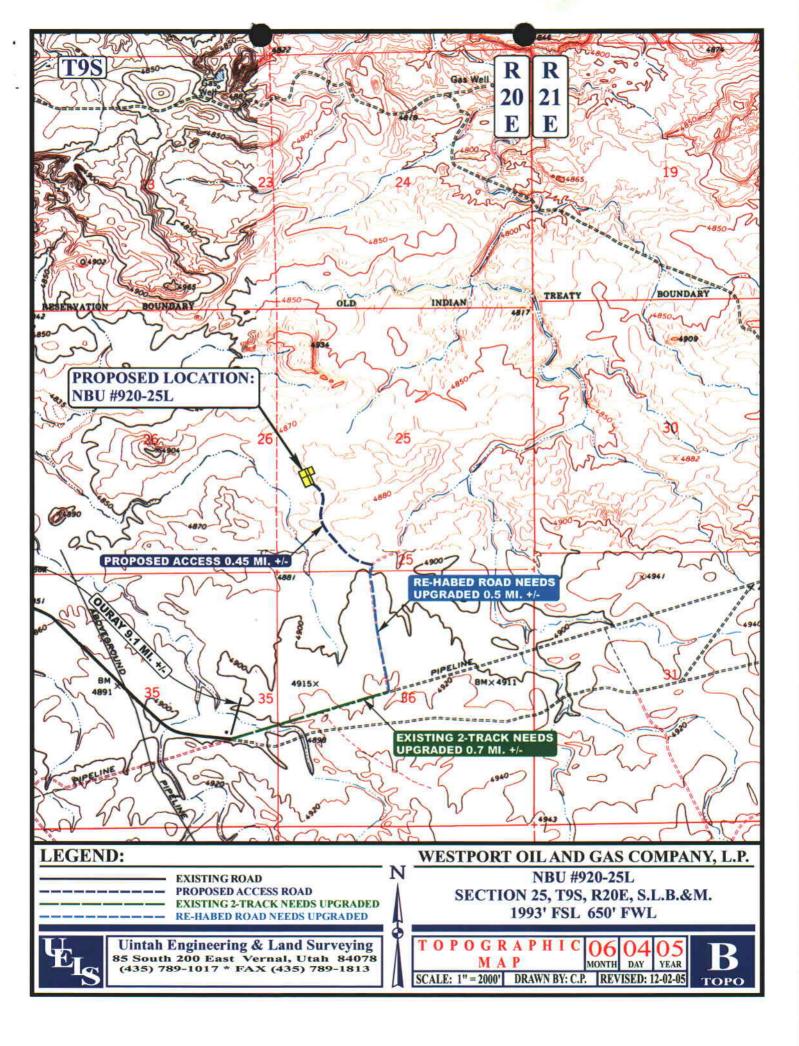
Date

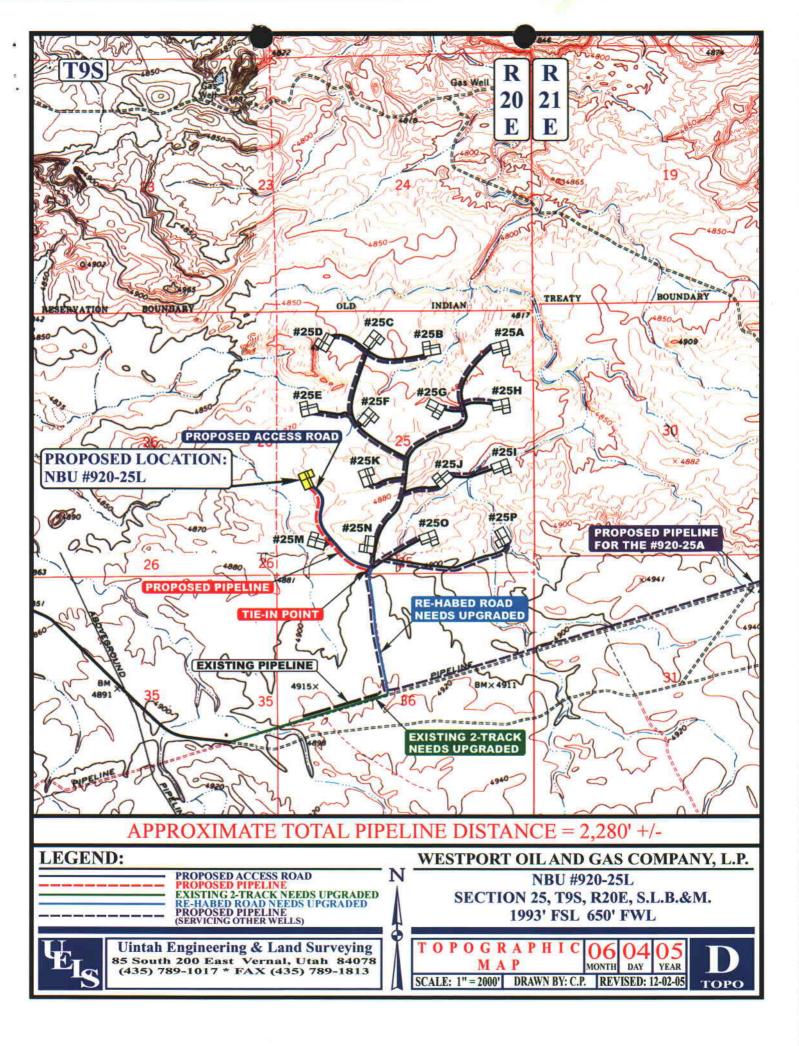
Name (Printed/Typed)

Signature

Approved by







Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/6/2006						
FROM: (Old Operator):	TO: (New Operator):					
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP					
1368 South 1200 East	1368 South 1200 East					
Vernal, UT 84078	Vernal, UT 84078					
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:	N	NATURAL BUTTES UNI		
WELL NAME SEC	TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
	**.		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION	ON					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was rece	eived from the	FORMER ope	erator on:	5/10/2006	i	
2. (R649-8-10) Sundry or legal documentation was rece	eived from the	NEW operator	on:	5/10/2006	5	
3. The new company was checked on the Department	of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah:		Business Numb	-	1355743-01		
4b. If NO , the operator was contacted contacted on:		-			-	
5a. (R649-9-2)Waste Management Plan has been received	d on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete or		n/a	3 LA wells	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundrie		ok	•			
6. Federal and Indian Lease Wells: The BLM	I and or the I	BIA has appro	ved the n	nerger, nai	ne chan	ge,
or operator change for all wells listed on Federal or I	ndian leases o	on:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of un	it operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agr	eements ("	CA"):				
The BLM or BIA has approved the operator for all				n/a		
9. Underground Injection Control ("UIC")	The D	ivision has appro	oved UIC F	orm 5, Trai	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/pro	ject for the wa	ater disposal we	ll(s) listed o	n:		
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database on:		5/15/2006	_			
2. Changes have been entered on the Monthly Operator	or Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:		5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:		5/16/2006	-			
5. Injection Projects to new operator in RBDMS on:6. Receipt of Acceptance of Drilling Procedures for AP	D/New on:	-	n/a	Name Char	aca Only	
BOND VERIFICATION:	D/INCW OII.		11/4	Name Cha	ige Omy	
		CO1203				
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 		RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) list	ted covered by		-	RLB000523	6	
	-					
a. The FORMER operator has requested a release of liability from their bond on:n/a rider added KMG The Division sent response by letter on:						
LEASE INTEREST OWNER NOTIFICATI	ON·		-			
4. (R649-2-10) The FORMER operator of the fee wells		acted and infor	ned hv a let	ter from the	Division	
of their responsibility to notify all interest owners of t			5/16/2006		D14191011	
COMMENTS:	5- 311					

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Serial	No.

SUNDRY Do not use this abandoned well.	MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPI	LICATE – Other instr	uctions on reverse sid	7. If Unit or CA/Agreement, Name and/or No.	
I. Type of Well	_			
Oil Well X Gas Well	☐ Other		8. Well Name and No.	
2. Name of Operator			MUTIPLE WELLS	
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.	
3a. Address		3b. Phone No. (include area	code)	
1368 SOUTH 1200 EAST	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript	(435) 781-7024 tion)		
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH	
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	Acidize Alter Casing		roduction (Start/Resume) Water Shut-Off	
Subsequent Report	Casing Repair Change Plans	New Construction F	decomplete	
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR Vater Disposal	
13. Describe Proposed or Completed Op If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated starting give subsurface locations and measur	g date of any proposed work and approximate duration thereof, red and true vertical depths of all pertinent markers and zones.	

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and corn Name (Printed/Typed) FANDY BAYNE 	Title Earlene Ri	lene Russell 16 Oil, Gas and Mining 18 Ussell, Engineering Technician
Signature / Sayne	Date May 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE L	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indiar	, Allottee or Tribe Name		
SUBMIT IN TRIPL	ICATE – Other instru	ctions o	n reverse	e side	7. If Unit o	or CA/Agreement, Name and/or No.		
I. Type of Well								
Oil Well X Gas Well Other					8. Well Na	8. Well Name and No.		
2. Name of Operator					MUTIPL	.E WELLS		
WESTPORT OIL & GAS CO	DMPANY L.P.				9. API Wel	l No.		
3a. Address		3b. Phon	e No. (includ	le area d	code)			
1368 SOUTH 1200 EAST V		(435) 78	1-7024		10. Field and	Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)						
055 47740450					11. County of	or Parish, State		
SEE ATTACHED					UINTAH	COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE (OF NO	TICE, REPORT, OR	OTHER DATA		
TYPE OF SUBMISSION			TYP	E OF A	ACTION			
Notice of Intent	Acidize	Deepen		☐ Pr	oduction (Start/Resume) Water Shut-Off		
_	Alter Casing	Fractur			eclamation	Well Integrity		
Subsequent Report	Casing Repair		onstruction		complete	Other CHANGE OF		
Final Abandonment Notice	Change Plans Convert to Injection	_	d Abandon		emporarily Abandon	OPERATOR		
13. Describe Proposed or Completed Open	-	Plug Ba		_	ater Disposal			
Attach the Bond under which the wolfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	operations. If the operation resulted and on the file at inspection. DO6, WESTPORT OIL 8 THE ATTACHED WELL	is in a multip d only after a & GAS CC LOCATIO	OMPANY	L.P., I	npletion in a new interva ling reclamation, have be HAS RELINQUISI -McGEE OIL & G	I, a Form 3160-4 shall be filed once ten completed, and the operator has		
	APPR	OVED	51	161	06	RECEIVED		
	<u>Ca</u>	rlove	Russ	ıll		— —		
	Division	of Oil, G	es and Mi	ining		MAY 1 0 2006		
	Dariene I	Kussell, E	ngineerin	g Tect	hnician	NIV OF OUR OAR RAMMING		
14. I hereby certify that the foregoing	g is true and correct					DIV_OF OIL_GAS & MINING		
Name (Printed/Typed)		Title						
BRAD LANEY Signature			IEERING	SPEC	CIALIST			
orginature .		Date May 9,	2006					
	THIS SPACE			TATE U	JSE			
Approved by			itle		Date			
Olack January					5-9	7-06		
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	table title to those rights in the subj	ect lease	ffice		¥ 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and v matter withi	villfully to m n its jurisdict	nake to a tion.	any department or ager	ncy of the United States any		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3160-5 (August 1999)

X Subsequent Report

UN DID STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0135
Expires Jnove	mber 30, 2000

6. If Indian, Allottee or Tribe Name

Well Integrity

Other APD EXTENSION

5.	Lease	Serial	No.

UTU-0579

SUNDRY NOTICES AND REP	ORTS ON WELLS	ì
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Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Alter Casing

Casing Repair

Change Plans

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

abandoned well.	Use Form 3160-3 (AP	'ט) for such proposa	IS.		
SUBMIT IN TRIPLICATE – Other instructions on reverse side				7. If Unit or CA/Agreement, Name and/or N	
Type of Well Oil Well	Other			8. Well Name and No. NBU 920-25L	
KERR McGEE OIL AND GA	AS ONSHORE LP			9. API Well No.	
3a. Address		3b. Phone No. (inch	ıde area code)	4304736999	
1368 SOUTH 1200 EAST VERNAL, UT 84078 435-781-7003				10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.	T., R., M., or Survey Descrip	otion)		NATURAL BUTTES	
1993' FSL 650' FWL				11. County or Parish, State	
NWSW, SEC 25-T9S-R20E	.			UINTAH, UT	
12. CHECK API	PROPRIATE BOX(ES) TO	O INDICATE NATURE	OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTIO	И	
Notice of Intent	Acidize	Deepen	Production	on (Start/Resume) Water Shut-Off	

Final Abandonment Notice Convert to Injection Plug Back Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Fracture Treat

New Construction

Plug and Abandon

Reclamation

Recomplete

Temporarily Abandon

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL AND GAS ON AUGUST 25, 2005.

	Appro Unit	oved by the formal states of the states of t	
SENTIO OFFRATOR	Oil, Ga	is and Mining	
9-20-06	Data CO	27-96A	
	By: D	zoli VI	
14. I hereby certify that the foregoing is true and correct	l		
Name (Printed/Typed)	Title	7,	
RAMEY HOOPES		REGULATORY CLERK	
Tamen Haper	Date	July 11, 2006	
(/) THIS SPACE FO	OR FEDERAL OR ST	TATE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001, make it a crime for any person knowir	ngly and willfully to m	ake to any department or agency of the United States	any

(Instructions on reverse)

RECEIVED



4304736999

API:

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

Well Name: NBU 920-25L
Location: NWSW, SEC 25-T9S-R20E Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP Date Original Permit Issued: 8/25/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes⊡No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes⊡No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
s bonding still in place, which covers this proposed well? Yes☑No□
Jamey James 7/11/2006
Signature Date
Title: REGULATORY CLERK
Representing: KERR MCGEE OIL AND GAS ONSHORE L

RECEIVED

JUL 2 5 2006

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UTU-460 715

Do not use this form for proposals to drill or reenter an 6. If Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side NATURAL BUTTES UNIT Type of Well 8. Well Name and No. X Gas Well Other Oil Well NBU 920-25L 2. Name of Operator 9. API Well No. KERR MCGEE OIL AND GAS ONSHORE LP 4304736999 Phone No. (include area code) 3a. Address 10. Field and Pool, or Exploratory Area 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 (435)781-7003 NATURAL BUTTES 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1993' FSL, 650' FWL NWSW. SEC 25-T9S-R20E UINTAH, UTAH 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Water Shut-Off Production (Start/Resume) Notice of Intent Acidize Deepen Well Integrity Fracture Treat Reclamation Alter Casing Other APD EXTENSION **New Construction** Recomplete **Casing Repair** Subsequent Report Temporarily Abandon DOGM Plug and Abandon Change Plans Water Disposal Plug Back Final Abandonment Notice Convert to Injection 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection. THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND WINFIG ON A BGUST 25, 2005. Utah Division of Oil, Gas and Mining Discreption of thema Date: í 14. I hereby certify that the foregoing is true and correct

Title Name (Printed/Typed) LAND SPECIALIST I RAMEY HOOPES Date Signature June 8, 2007 THIS SPACE FOR FEDERAL OR STATE USE Title Date Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Location: Company Per	4304736999 NBU 920-25L NWSW, SEC 25-T9 mit Issued to: Permit Issued:	KERR-MC	GEE OIL AND (GAS ONSHORE LP		
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.						
Following is a verified.	checklist of som	e items rel	ated to the ap	plication, which should b	e	
	rivate land, has t en updated? Yes		hip changed,	if so, has the surface		
Have any well the spacing or	s been drilled in siting requireme	the vicinity ents for this	of the propos location? Ye	sed well which would affe s⊡No⊠	ect:	
Has there bee	en any unit or oth operation of this p	er agreem proposed v	ents put in pla ⁄ell? Yes⊡ No	ace that could affect the		
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑						
Has the appro	eved source of wa	ater for dril	ling changed	? Yes□No☑		
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑						
Is bonding stil	l in place, which	covers this	proposed we	ell? Yes ☑No □		
Signature	ystom	W_		6/8/2007 Date		
Title: LAND S	PECIALIST I					
Representing	KERR-MCGEE	OIL AND GA	S ONSHORE L			

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

_			
5.	Lease	Serial	No.

JTU-0579

	20M	זאכ	NOTIC	, E3	AND KEPU	KIS	ON	AAE	FF2	
,	not use	this	form	for	proposals	fo	drill	٥ř	roonto	.,

SUBMIT IN TRIPLICATE - Other instructions on reverse side	If Unit or CA/Agreement, Name and/or No. IT #891008900A TURAL BUTTES UNIT Well Name and No.	
Oil Well X Gas Well Other REPOPER Other		
2. Name of Operator NE KERR-McGEE OIL & GAS ONSHORE LP 9. 3a. Address 3b. Phone No. (include area code) 43(1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 10. 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NA 11. NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL UIN 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	Well Name and No.	
KERR-McGEE OIL & GAS ONSHORE LP 9. 3a. Address 3b. Phone No. (include area code) 436 1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 10. NA 11. NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL UN 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO		
3a. Address 3b. Phone No. (include area code) 43(1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 10. 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NA 11. NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL UN 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	BU 920-25L	
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	API Well No.	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO)4736999	
NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	10. Field and Pool, or Exploratory Area	
NW/SW SEC. 25, T9S, R20E 1993'FSL, 650'FWL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	NATURAL BUTTES	
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	County or Parish, State	
	ITAH COUNTY, UTAH	
TYPE OF SUBMISSION TYPE OF ACTION	RT, OR OTHER DATA	
1112 01 11011011		
Notice of Intent Acidize Deepen Production (Star Alter Casing Subsequent Report Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarily Aba	Well Integrity Other	
Final Abandonment Notice Convert to Injection Plug Back Water Disposal	ndon	

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE DRILLING PLANS. THE OPERATOR PLANS TO DRILL DIRECTIONAL DUE TO EOG OFFSET CONCERNS IN THE WASATCH.

PLEASE REFER TO THE ATTACHED DOWN HOLE DIAGRAM AND THE PROPOSED DIRECTIONAL DRILL SURVEY. 6177267 40.604079 44289114 104.620806

RECEIVED OCT 2 4 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct			
Name (PrintedTyped) SHEILA UPCHEGO	Title SENIOR LAND ADM	MIN SPE ADDSOVED by the	
Significant Immalling	Date October 16, 2007	Oil, Gas and Mining	
THIS SPACE FOR FEDERAL OR STATE USE			
Approved by	Title	Date: 11-06-07	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.			

NBU #920-25L NWSW SEC. 25, T9S,R20E UINTAH COUNTY, UTAH UTU-0579

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>Estimated Tops of Important Geologic Markers:</u>

<u>Formation</u>	Depth
Uinta	0- Surface
Green River	1790'
Wasatch	5010'
Mesaverde	8100'
TD (MD)	10050'
TVD	10203'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1790'
Gas	Wasatch	5050°
Gas	Mesaverde	8100'
Water	N/A	0100
Other Minerals	N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. <u>Drilling Fluids Program:</u>

Please see the Natural Buttes Unit SOP.

6. <u>Evaluation Program:</u>

Please see the Natural Buttes Unit SOP.

7. <u>Abnormal Conditions</u>:

Maximum anticipated bottomhole pressure calculated at 10050' TD, approximately equals 4020 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1809 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

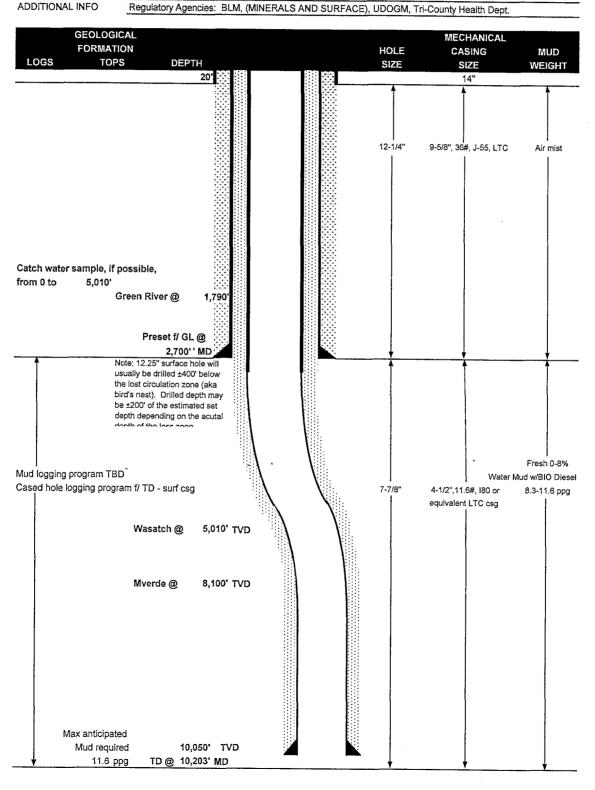
10. Other Information:

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE October 16, 2007 WELL NAME NBU 920-25L TD 10,203' MD 10,050' TVD FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,287' GL KB 5,302' SURFACE LOCATION NW/SW SEC. 25, T9S, R20E-1993'FSL, 650'FWL Latitude: 40.004228 Longitude: 109.621636 NW/SW SEC. 25, T9S, R20E 1956'FSL, 713'FWL BTM HOLE LOCATION OBJECTIVE ZONE(S) Wasatch/Mesaverde ADDITIONAL INFO





KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

								I	ORS		
	SIZE	IN	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION	
CONDUCTOR	14"		0-40'								
							1	3520	2020	453000	
SURFACE	9-5/8" 1	0	to	2700	36.00	J-55	LTC	0.90	1.60	5.93	
						• •]	7780	6350	201000	
PRODUCTION	4-1/2"	0	to	10203	11.60	I-80	LTC	1.99	1.03	1.95	

¹⁾ Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

(Burst Assumptions: TD =

0.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 3910 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	LEAD 500 Premium cmt + 2% CaCl		215	60%	15.60	1,18
Option 1	ı 1		+ .25 pps flocele				
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	Í		NOTE: If well will circulate water to s	be utilized			
Option 2	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite	360	35%	12.60	1 .81
	l		+.25 pps Flocele + 3% sait BWOW				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTIO	N LEAD	7,593'	Premium Lite II + 3% KCI + 0.25 pps	830	60%	11.00	3.38
	ļ		celloflake + 5 pps gilsonite + 10% gel				
	ł		+ 0.5% extender				
	TAIL	2,610'	50/50 Poz/G + 10% sait + 2% gel	730	60%	14.30	1.31
			+.1% R-3				

^{*}Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.	

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
BOPE: 11"5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
& lower kelly valves.
Pron Total supreys eveny 2000! Maximum silowable hole angle is 5 decrease.

D, 0p	. 0.00	out veys every	2000.	IASPRVII	()(4))	can	CWAD	e note an	gie is s t	real e	5 3,
											_
			-								

Brop Totos carroje avary Zi	see. Maximam allowable fible drigic is a degi	
Most rigs have PVT System	for mud monitoring. If no PVT is available, vis	ual monitoring will be utilized.
DRILLING ENGINEER:		DATE:
	Brad Laney	
DRILLING SUPERINTENDENT:		DATE:
	Randy Bayne	

²⁾ MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)



Drilling Services

Proposal



ANADARKO - KERR McGEE

NBU 920-25L

UINTAH COUNTY, UTAH

WELL FILE: PLAN 1

DATE: OCTOBER 10, 2007

Weatherford International, Ltd.

15710 John F. Kennedy Blvd Houston, Texas 77032 USA +1.281.260.1300 Main +1.281.260.4730 Fax www.weatherford.com



Weatherford Drilling Services PLAN REPORT LAT, LONG



Company: Anadarko-Kerr-McGee

Field:

Site: NBU 920-25L

Well: Wellpath:

UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)

Date: 10/10/2007

Co-ordinate(NE) Reference: Vertical (TVD) Reference:

Survey Calculation Method:

Time: 09:24:13 Site: NBU 920-25L, Grid North

SITE 4887.0

Minimum Curvature

Well (0.00N,0.00E,120.75Azi)

Db: Sybase

Plan:

Plan #1 25L

Principal: Yes Date Composed:

Section (VS) Reference:

Version:

Tied-to:

10/5/2007

From Surface

Field:

UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)

Map System: Universal Transverse Mercator (USfeet)

+N/-S

+F/-W

Geo Datum: NAD27 (Clarke 1866)

Sys Datum: Mean Sea Level

Map Zone:

Coordinate System:

UTM Zone 12, North 114W to 108W Site Centre

Geomagnetic Model: bggm2006

NBU 920-25L Site:

1993 FSL, 650 FEL SEC25 T9S R20E

Site Position: Geographic From:

Northing: Easting:

14530585.09 ft 2026615.94 ft Latitude: Longitude:

40 0 15.350 N 109 North Reference:

15.390 W Grid

Position Uncertainty: Ground Level:

0.00 ft 4872.00 ft

Grid Convergence: Slot Name:

0.89 deg

Well: Well Position:

Wellpath:

25L

0.00 ft 0.00 ft

Northing: 14530585.09 ft Easting: 2026615.94 ft

Latitude: Longitude:

40 0 15.350 N 109 37 15.390 W

Position Uncertainty:

0.00 ft

Drilled From:

Tie-on Depth: Above System Datum: Surface 0.00 ft Mean Sea Level

Current Datum: Magnetic Data: Field Strength: Vertical Section: Depth From (TVD)

10/5/2007 52728 nT Height 4887.00 ft +N/-S

Declination: Mag Dip Angle: +E/-W

11.62 deg 65.97 deg Direction

ft ft deg 0.00 0.00 0.00 120.75

Plan Section Information

MD ft	Inci deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100f	Build t deg/100f	Turn t deg/100ft	TFO deg	Target	
0.00	0.00	120.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2900.00	0.00	120.75	2900.00	0.00	0.00	0.00	0.00	0.00	120.75		
3250.04	7.00	120.75	3249.17	-10.92	18.36	2.00	2.00	0.00	120.75		
3440.93	7.00	120.75	3438.64	-22.81	38.35	0.00	0.00	0.00.	0.00		•
3907.65	0.00	120.75	3904.20	-37.37	62.83	1.50	-1.50	0.00	180.00		
10203.45	0.00	120.75	10200.00	-37.37	62.83	0.00	0.00	0.00	120.75	PBHL	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100	Lat ft	min	sec	Long	min	sec	Commer
2800.00	0.00	120.75	2800.00	0.00	0.00	0.00	0.00	40	0	15.350	109	37	15.390	9 5/8"
2900.00	0.00	120.75	2900.00	0.00	0.00	0.00	0.00	40	0	15.350	109	37	15.390	KOP
3000.00	2.00	120.75	2999.98	-0.89	1.50	1.75	2.00	40	0	15.341	109	37	15.371	
3100.00	4.00	120.75	3099.84	-3.57	6.00	6.98	2.00	40	0	15.314	109	37	15.314	į
3200.00	6.00	120.75	3199.45	-8.02	13.49	15.69	2.00	40	0	15.269	109	37	15.218	
3250.04	7.00	120.75	3249.17	-10.92	18.36	21.36	2.00	40	0	15.239	109	37	15.156	HOLD
3300.00	7.00	120.75	3298.76	-14.03	23.59	27.45	0.00	40	0	15.208	109	37	15.090	.,025
3400.00	7.00	120.75	3398.01	-20.26	34.06	39.64	0.00	40	Ō	15.145	109	37	14.956	
3440.93	7.00	120.75	3438.64	-22.81	38.35	44.62	0.00	40	0	15.119	109	37	14.902	DROP
3500.00	6.11	120.75	3497.32	-26.26	44.15	51.37	1.50	40	0	15.084	109	37	14.828	2,,
3600.00	4.61	120.75	3596.88	-31.04	52.19	60.72	1.50	40	0	15.035	109	37	14.726	
3700.00	3.11	120.75	3696.65	-34.49	57.98	67.46	1.50	40	0	15.000	109	37	14.652	1
3800.00	1.61	120.75	3796.56	-36.60	61.52	71.59	1.50	40	0	14.979	109	37	14.607	
3900.00	0.11	120.75	3896.55	-37.37	62.82	73.10	1.50	40	Ō	14.971	109	37	14.590	-
3907.65	0.00	120.75	3904.20	-37.37	62.83	73.10	1.50	40	0	14.971	109	37	14.590	HOLD



Weatherford Drilling Services PLAN REPORT LAT, LONG



Company: Anadarko-Kerr-McGee

UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27) NBU 920-25L Field:

Site:

Well: 25L Wellpath: 1

Date: 10/10/2007

Co-ordinate(NE) Reference:

Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 09:24:13

Site: NBU 920-25L, Grid North

Minimum Curvature

SITE 4887.0 Well (0.00N,0.00E,120.75Azi)

Db: Sybase

١,	Survey														
	MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100	Lat ft	min	sec	Long	min	sec	Comment
	4000.00 4100.00	0.00	120.75 120.75	3996.55 4096.55	-37.37 -37.37	62.83 62.83	73.10 73.10	0.00 0.00	40 40	0	14.971 14.971	109	37	14.590	
П	4200.00	0.00	120.75	4196.55	-37.37	62.83	73.10	0.00	40	0	14.971	109 109	37 37	14.590 14.590	
	4300.00	0.00	120.75	4296.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	4400.00	0.00	120.75	4396.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
Ц	4500.00	0.00	120.75	4496.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	4600.00	0.00	120.75	4596.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
	4700.00	0.00	120.75	4696.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
$\ \ $	4800.00	0.00	120.75	4796.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	4900.00	0.00	120.75	4896.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	5000.00	0.00	120.75	4996.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
П	5013.45	0.00	120.75	5010.00	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	WASATCH
П	5100.00	0.00	120.75	5096.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	5200.00 5300.00	0.00 0.00	120.75 120.75	5196.55 5296.55	-37.37 -37.37	62.83 62.83	73.10 73.10	0.00	40 40	0	14.971 14.971	109 109	37 37	14.590 14.590	
	5400.00	0.00	120.75	5396.55	-37.37					_					
	5500.00	0.00	120.75	5496.55	-37.37 -37.37	62.83 62.83	73.10 73.10	0.00	40 40	0	14.971 14.971	109	37	14.590	
	5600.00	0.00	120.75	5596.55	-37.37	62.83	73.10	0.00	40	0	14.971	109 109	37 37	14.590 14.590	
	5700.00	0.00	120.75	5696.55	-37.37	62.83	73.10	0.00	40	ő	14.971	109	37	14.590	
	5800.00	0.00	120.75	5796.55	-37.37	62.83	73.10	0.00	40	ŏ	14.971	109	37	14.590	
	5900.00	0.00	120.75	5896.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
П	6000.00	0.00	120.75	5996.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
Ш	6100.00	0.00	120.75	6096.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
Н	6200.00	0.00	120.75	6196.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	6300.00	0.00	120.75	6296.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
П	6400.00	0.00	120.75	6396.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	i i
П	6500.00	0.00	120.75	6496.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
Ш	6600.00 6700.00	0.00 0.00	120.75 120.75	6596.55 6696.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
Ш	6800.00	0.00	120.75	6796.55	-37.37 -37.37	62.83 62.83	73.10 73.10	0.00	40	0	14.971	109	37	14.590	
				0750.55	-37.37	02.63	13.10	0.00	40	0	14.971	109	37	14.590	
	6900.00	0.00	120.75	6896.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	7000.00 7100.00	0.00	120.75	6996.55	-37.37	62.83	73.10	0.00	40	0	14.971		37	14.590	
	7100.00	0.00 0.00	120.75 120.75	7096.55 7196.55	-37.37 -37.37	62.83 62.83	73.10	0.00	40	0	14.971	109	37	14.590	
П	7300.00	0.00	120.75	7296.55	-37.37 -37.37	62.83	73.10 73.10	0.00 0.00	40 40	0	14.971 14.971	109 109	37 37	14.590 14.590	
П									70	U	14.571	109	31	14.590	
П	7400.00 7500.00	0.00 0.00	120.75 120.75	7396.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	i
П	7600.00	0.00	120.75	7496.55 7596.55	-37.37 -37.37	62.83 62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	7700.00	0.00	120.75	7696.55	-37.37	62.83	73.10 73.10	0.00	40 40	0	14.971	109	37	14.590) 1
	7800.00	0.00	120.75	7796.55	-37.37	62.83	73.10	0.00	40	0	14.971 14.971	109 109	37 37	14.590 14.590	
ÌÌ	7900.00	0.00	120.75	7896.55	27 27	62.02									
	8000.00	0.00	120.75	7996.55 7996.55	-37.37 -37.37	62.83 62.83	73.10 73.10	0.00 0.00	40 40	0	14.971 14.971	109	37	14.590	1
	8100.00	0.00	120.75	8096.55	-37.37	62.83	73.10	0.00	40	0	14.971	109 109	37 37	14.590 14.590	
	8103.45	0.00	120.75	8100.00	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	MESAVERDE
1	8200.00	0.00	120.75	8196.55	-37.37	62.83	73.10	0.00	40	ō	14.971	109	37	14.590	MILOAVLINDE
	8300.00	0.00	120.75	8296.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	8400.00	0.00	120.75	8396.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
П	8500.00	0.00	120.75	8496.55	-37.37	62.83	73.10	0.00	40	0	14.971	1.09	37	14.590	i
П	8600.00	0.00	120.75	8596.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	8700.00	0.00	120.75	8696.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	8800.00	0.00	120.75	8796.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
	8900.00	0.00	120.75	8896.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	.
L	9000.00	0.00	120.75	8996.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	



Weatherford Drilling Services PLAN REPORT LAT, LONG



Company: Anadarko-Kerr-McGee

Field: UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)

NBU 920-25L Site:

Well: Wellpath: 1

Date: 10/10/2007 Co-ordinate(NE) Reference: Vertical (TVD) Reference:

Section (VS) Reference:

Survey Calculation Method:

Time: 09:24:13 Site: NBU 920-25L, Grid North

SITE 4887.0

Well (0.00N,0.00E,120.75Azi)

Minimum Curvature

Db: Sybase

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100f	Lat ft	min	sec	Long	min	sec	Com
9100.00	0.00	120.75	9096.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
9200.00	0.00	120.75	9196.55	-37.37	62.83	73.10	0.00	40	Ō	14.971	109	37	14.590	
9300.00	0.00	120.75	9296.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
9400.00	0.00	120.75	9396.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
9500.00	0.00	120.75	9496.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
9600.00	0.00	120.75	9596.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
9700.00	0.00	120.75	9696.55	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
9800.00	0.00	120.75	9796.55	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	
9900.00	0.00	120.75	9896.55	-37.37	62.83	73.10	0.00	40	ō	14.971	109	37	14.590	
10000.00	0.00	120.75	9996.55	-37.37	62.83	73,10	0.00	40	Õ	14.971	109	37	14.590	
10100.00	0.00	120.75	1.00e04	-37.37	62.83	73.10	0.00	40	ō	14.971	109	37	14.590	
10200.00	0.00	120.75	1.01e04	-37.37	62.83	73.10	0.00	40	Ö	14.971	109	37	14.590	
10203.45	0.00	120.75	1.02e04	-37.37	62.83	73.10	0.00	40	0	14.971	109	37	14.590	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft		Latitude> Min Sec	< Longitude> Deg Min Sec
PBHL -Circle (Radi -Plan hit targ		1	10200.00	-37.37	62.83	14530547.722	:026678.76	40	0 14.971 N	109 37 14.590 W

Casing Points

MD	TVD	Diameter	Hole Size	Name
ft	ft	in	in	
2800.00	2800.00	9.62	12.25	9 5/8"

Annotation

MD ft	TVD ft					
2900.00 3250.04	2900.00 3249.17	KOP - HOLD		*	•	
3440.93	3438.64	DROP				
3907.65	3904.20	HOLD				
10203.45	10200.00	PBHL				

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
5013.45	5010.00	WASATCH		0.00	0.00
8103.45	8100.00	MESAVERDE		0.00	0.00





ANADARKO KERR MCGEE OIL & GAS NBU 920-25L UINTAH COUNTY, UTAH





Azimuths to Grid North True North: -0.89° Magnetic North: 10.73°

Magnetic Field Strength: 52728nT Dip Angle: 65.97° Date: 10/5/2007 Model: bggm2006

				S	ECTION DE	TAILS				
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	120.75	0.00	0,00	0.00	0.00	0.00	0.00	
2	2900.00	0.00	120.75	2900.00	0.00	0.00	0.00	120.75	0.00	
3	3250.04	7.00	120.75	3249_17	-10.92	18.36	2.00	120.75	21.36	
4	3440.93	7.00	120.75	3438.64	-22.81	38.35	0.00	0.00	44.62	
5	3907.65	0.00	120.75	3904.20	-37.37	62.83	1.50	180.00	73.10	
6	10203.45	0.00	120.75	10200.00	-37.37	62.83	0.00	120.75	73.10	PBHL

				WELL DETAIL		A = 1011 - 176-13 - 1	
Name	+N/-S	÷E/-W	Northing	Easting	Latitude	Longitude	Slot
25L	0.00	0.00	14530585.09	2026615.94	40°00'15.350N	109°37'15,390W	N/A

CASING DETAILS No TVD MD Name Siza 2800_00 2800.00 9 5/8" 9,62

FORMATION TOP DETAILS No. TVDPath MDPath Formation 5010.00 8100.00 5013.45 WASATCH 8103.45 MESAVERDE

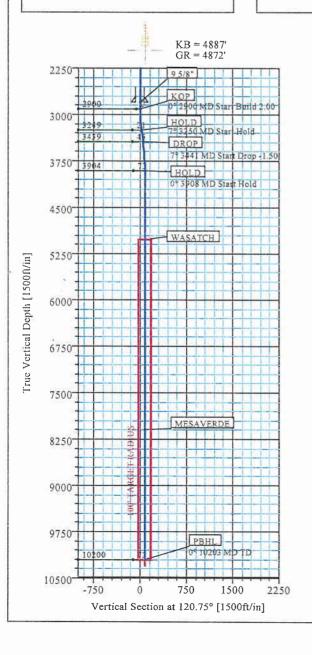
FIELD DETAILS

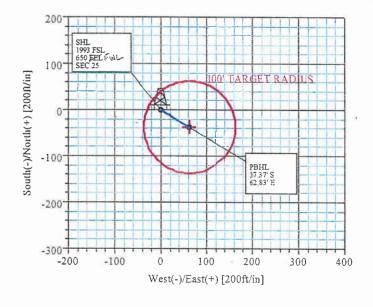
UINTAH COUNTY, UTAH (UTM Zone 12N-NAD 27)

tic System: Universal Transverse Mercator (USfeet) Ellipsoid: NAD27 (Clarke 1866) Zone: UTM Zone 12, North 114W to 108W Geodetic System:

Magnetic Model: bggm2006

System Datum: Mean Sea Level Local North: Grid North





Plan: Plan #1 25L (25L/1)

Created By: R. JOYNER

Date: 10/10/2007



Kerr-McGee Oil & Gas Onshore LP 1999 Broadway, Suite 3700 Denver, CO 80205

October 17, 2007

Mrs. Diana Mason Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, UT 84114-6100

Re: Directional Drilling R649-3-11

NBU 920-25L T9S R20E Section 25: NWSW NWSW 1993' FSL, 650' FWL (surface) NWSW 1956' FSL, 713' FWL (bottom hole) Uintah County, Utah

Dear Mrs. Mason:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 920-25L is located within the Natural Buttes Unit area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating
 the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to
 utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and Section 25 (federal lease USA UTU-0579).

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit be granted pursuant to R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP

Jas L Colly II

James C. Colligan III Landman

NOV 0 1 2007

RECEIVED

DIV. OF OIL, GAS & MINING

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMB UTU-0579	ER:			
SUNDRY NOTICES AND REPORTS ON	WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current botton drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for su	n-hole depth, reenter plugged wells, or to ch proposals. 7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit				
OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 920-25L				
2. NAME OF OPERATOR:	9. API NUMBER:				
Kerr-McGee Oil & Gas Onshore, LP 3. ADDRESS OF OPERATOR:	4304736999				
PO Box 173779 CITY Denver STATE CO ZIP 80217	7-3779 (720) 929-6171 Natural Buttes Field				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1993 FSL & 650 FWL	соимту: Uintah				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 25 9S 20E	STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NAT	URE OF NOTICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION				
✓ NOTICE OF INTENT ACIDIZE D	EPPEN REPERFORATE CURRENT FORMATIC	ON .			
<u> </u>	RACTURE TREAT SIDETRACK TO REPAIR WELL				
Approximate date work will start: CASING REPAIR NE	W CONSTRUCTION TEMPORARILY ABANDON				
CHANGE TO PREVIOUS PLANS	PERATOR CHANGE TUBING REPAIR				
	UG AND ABANDON VENT OR FLARE				
SUBSEQUENT REPORT CHANGE WELL NAME	UG BACK WATER DISPOSAL				
Date of work completion: CHANGE WELL STATUS PR	ODUCTION (START/RESUME) WATER SHUT-OFF				
COMMINGLE PRODUCING FORMATIONS RE	CLAMATION OF WELL SITE				
CONVERT WELL TYPE RE	COMPLETE - DIFFERENT FORMATION				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr McGee Oil and Gas Onshore, LP respectfully request a one year extension for NBU 920-25L, in order to complete drilling operations. The Utah Division of Oil, Gas, and Mining initially approved this APD on 8/25/2005. Approved by the Utah Division of Oil, Gas and Mining Date: 27-08-08 COPY SENT TO OPERATOR Date: 7.9.2008					
NAME (PLEASE PRINT) Victoria Marques SIGNATURE Wittaria Marques	Initials: 145 TITLE Regulatory Intern 6/24/2008				
V-3					

(This space for State use only)

RECEIVED JUN 27 2008

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736999 Well Name: NBU 920-25L Location: NWSW 1993 FSL & 650 FWL Sec. 25 T 9S R 20E Company Permit Issued to: Kerr McGee Oil and Gas Onshore, LP Date Original Permit Issued: 8/25/2005					
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.					
Following is a checklist of some items related to the application, which should be verified.					
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑					
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑					
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑					
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑					
Has the approved source of water for drilling changed? Yes□ No☑					
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes □ No ☑					
Is bonding still in place, which covers this proposed well? Yes ☑ No □					
<u>Vitoria Marques</u> Signature					
Signature Date					
Title: Regulatory Intern					
Representing: Kerr McGee Oil and Gas Onshore, LP					
RECEIVED					

JUN 27 2008

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579			
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 920-25L			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047369990000			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1993 FSL 0650 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 20.0E Meridian:	S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
✓ NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
7/1/2009	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests that this well be changed back to a vertical well, as originally approved on 05/28/05, amended on 12/12/05, and continuously extended. THe BLM has not yet approved their portion this well's APD. The well was changed to a directional well, as approved on 11/06/07. Presently, Kerr-McGee would like to drill the well according to the vertical plans from 05/28/05. Thank you for time and efforts. Please contact the undersigned with any questions and/or comments. Thank you. By:						
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Staff Regulatory Analyst				
Kathy Schneebeck-Dulnoan SIGNATURE	720 929-6007	DATE				
N/A		5/19/2009				

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579			
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 920-25L			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047369990000			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1993 FSL 0650 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 20.0E Meridian:	S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
✓ NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
7/1/2009	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests that this well be changed back to a vertical well, as originally approved on 05/28/05, amended on 12/12/05, and continuously extended. THe BLM has not yet approved their portion this well's APD. The well was changed to a directional well, as approved on 11/06/07. Presently, Kerr-McGee would like to drill the well according to the vertical plans from 05/28/05. Thank you for time and efforts. Please contact the undersigned with any questions and/or comments. Thank you. By:						
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Staff Regulatory Analyst				
Kathy Schneebeck-Dulnoan SIGNATURE	720 929-6007	DATE				
N/A		5/19/2009				

SUNDF Do not use this form for proposition bottom-hole depth, reenter plud price of the proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1993 FSL 0650 FWL	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT OF CA AGREEMENT NAME: NATURAL BUTTES 8. WELL NAME and NUMBER: NBU 920-25L 9. API NUMBER: 43047369990000 9. FIELD and POOL OF WILDCAT: NATURAL BUTTES COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 25	P, RANGE, MERIDIAN: 5 Township: 09.0S Range: 20.0E Meridian: S		STATE: UTAH			
CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
✓ NOTICE OF INTENT Approximate date work will start: 8/20/2010 SUBSEQUENT REPORT Date of Work Completion: SPUD REPORT Date of Spud:	ACIDIZE CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF	ALTER CASING CHANGE TUBING COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT PLUG AND ABANDON RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL VENT OR FLARE SI TA STATUS EXTENSION	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION			
□ WILDCAT WELL DETERMINATION □ OTHER OTHER: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you. Approved by the Utah Division of Oil, Gas and Mining						
		В	ate: August 23, 2010 y:			
NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst				
SIGNATURE N/A		DATE 8/18/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047369990000

API: 43047369990000 Well Name: NBU 920-25L

Location: 1993 FSL 0650 FWL QTR NWSW SEC 25 TWNP 090S RNG 200E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 8/25/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

uire revi	sion. Following is a checklist of s	some items related to the applicati	on, which should be verified.
	ated on private land, has the own ed? 📗 Yes 🌘 No	nership changed, if so, has the sur	face agreement been
	any wells been drilled in the vici requirements for this location?	nity of the proposed well which wo	ould affect the spacing or
	nere been any unit or other agres s proposed well? 🔵 Yes 📵 N	ements put in place that could affe lo	ect the permitting or operation
	there been any changes to the a the proposed location?	ccess route including ownership, o s 📵 No	r rightof- way, which could
• Has th	ne approved source of water for	drilling changed? 🔵 Yes 🍺 No	
		s to the surface location or access sed at the onsite evaluation?	route which will require a Yes 📵 No
• Is bor	nding still in place, which covers	this proposed well? 📵 Yes 🔵	Approved by the No Utah Division of Oil, Gas and Mining
nature:	Danielle Piernot Date	: 8/18/2010	
Title:	Regulatory Analyst Representing	: KERR-MCGEE OIL & GAS ONSHOR <mark>₽</mark> ۶	te: August 23, 2010
	- , , . .	•	7/13/200

Sig

By:

Sundry Number: 16651 API Well Number: 43047369990000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579
SUNDI	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 920-25L		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047369990000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHONE Street, Suite 600, Denver, CO, 80217 3779	NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1993 FSL 0650 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 2	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 20.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Kerr-McGee Oil & G extension to this A	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION DIMPLETED OPERATIONS. Clearly show all pertings on Shore, L.P. (Kerr-McGee) APD for the maximum time allow with any questions and/or comi	rent details including dates, depths, respectfully requests an ved. Please contact the ments. Thank you.	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Regulatory Analyst II	
Gina Becker SIGNATURE N/A	720 929-6086	Regulatory Analyst II DATE 7/12/2011	
IN/ A		//1Z/ZU11	

Sundry Number: 16651 API Well Number: 43047369990000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047369990000

API: 43047369990000 **Well Name:** NBU 920-25L

Location: 1993 FSL 0650 FWL QTR NWSW SEC 25 TWNP 090S RNG 200E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 8/25/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

	ated on private land, has the ed? 📗 Yes 📵 No	e ownership changed, if so, has the s	urface agreement been
	any wells been drilled in the requirements for this locati	e vicinity of the proposed well which on? Yes No	would affect the spacing or
	here been any unit or other as proposed well?	agreements put in place that could a No	ffect the permitting or operation
	there been any changes to t the proposed location?	the access route including ownership Yes No	, or rightof- way, which could
• Has tl	he approved source of water	r for drilling changed? 🔵 Yes 🍺	No
		nges to the surface location or accesiscussed at the onsite evaluation?	
• Is bo	nding still in place, which co	vers this proposed well? 🌘 Yes 🤇) No
Signature:	Gina Becker	Date: 7/12/2011	

Title: Regulatory Analyst II Representing: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Sundry Number: 29177 API Well Number: 43047369990000

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0579		
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAM					
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 920-25L		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047369990000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	PHI h Street, Suite 600, Denver, CO, 80217 37	ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 5NATUERAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE:	,		COUNTY: UINTAH		
1993 FSL 0650 FWL QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSW Section:	HIP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 20.0E Meridian	: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR		
Approximate date work will start: 8/24/2012	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
0/24/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you. Date: August 28, 2012					
			By: Daggill		
NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 8/23/2012			

Sundry Number: 29177 API Well Number: 43047369990000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047369990000

API: 43047369990000 **Well Name:** NBU 920-25L

Location: 1993 FSL 0650 FWL QTR NWSW SEC 25 TWNP 090S RNG 200E MER S

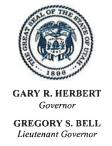
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 8/25/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

_			
• If loc Yes		has the ownership changed, if so, has the surface agreement beer	n updated? 🔵
		d in the vicinity of the proposed well which would affect the spac tion? Yes . No	ing or siting
	there been any unit or osed well? 🤵 Yes	other agreements put in place that could affect the permitting of No	r operation of this
	there been any changosed location?	ges to the access route including ownership, or rightof- way, which res 📵 No	ch could affect the
• Has	the approved source o	of water for drilling changed? 🔵 Yes 📵 No	
		cal changes to the surface location or access route which will requissed at the onsite evaluation? Q Yes 📵 No	uire a change in
• Is bo	nding still in place, wh	hich covers this proposed well? 🃵 Yes 🔘 No	
Signature:	Danielle Piernot	Date: 8/23/2012	

Title: Regulatory Analyst Representing: KERR-MCGEE OIL & GAS ONSHORE, L.P.



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 23, 2013

Teena Paulo Anadarko Petroleum 1099 18th Street, Suite 600 Denver, CO 80202

Re: APDs Rescinded for Anadarko Petroleum, Uintah County

Dear Ms. Paulo:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective July 22, 2013.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal

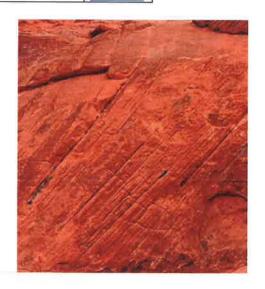


43-047-50623	NBU 921-28C1CS
43-047-50624	NBU 921-28C4BS
43-047-50625	NBU 921-28C4CS
43-047-50626	NBU 921-28D1BS
43-047-50632	NBU 920-21I
43-047-36948	NBU 540-24E
43-047-40330	NBU 681-26E
43-047-50649	NBU 921-30E2AS
43-047-50646	NBU 921-30C3CS
43-047-50647	NBU 921-30D2DS
43-047-50648	NBU 921-30D3DS
43-047-36999	NBU 920-25L

Search Imag	es Mail Drive Calendar Sites Groups Contacts Mobile More	
wigat)		dianawhitney@utari.gov
Mail	More	9 of 109
COMPOSE	Good Morning Diana,	Paulo, Teena
Inbox (10) Starred	Please see the below list of wells for the AFD's that Kerr-McGee requests to asscind with UDOGM.	teena paulo@anadarko.com

Important
Sent Mail
Drafts (1)
BLM (1)
Cabinet
Electronic filing
Eng. Tech (1)
New Permits
saved
Follow up
Misc
Priority
Tanq
Maria

Well Name	API Number
NBU 921-28C1CS	4304750623
NBU 921-28C4BS	4304750624
NBU 921-28C4CS	4304750625
NBU 921-28D1BS	4304750626
NBU 920-21I	4304750632
NBU 540-24E	4304736948
NBU 681-26E	4304740330
NBU 921-30E2AS	4304750649
NBU 921-30C3CS	4304750646
NBU 921-30D2DS	4304750647
NBU 921-30D3DS	4304750648
NBU 920-25L	4304736999



Show details



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 23, 2013

Teena Paulo Anadarko Petroleum 1099 18th Street, Suite 600 Denver, CO 80202 43 047 36999 NBU 920-256 98 20E 25

Re:

APDs Rescinded for Anadarko Petroleum, Uintah County

Dear Ms. Paulo:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective July 22, 2013.

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Sincerely,

Diana Mason

Environmental Scientist

cc:

Well File

Bureau of Land Management, Vernal



	43-047-50623	NBU 921-28C1CS
	43-047-50624	NBU 921-28C4BS
	43-047-50625	NBU 921-28C4CS
	43-047-50626	NBU 921-28D1BS
	43-047-50632	NBU 920-21I
	43-047-36948	NBU 540-24E
	43-047-40330	NBU 681-26E
	43-047-50649	NBU 921-30E2AS
	43-047-50646	NBU 921-30C3CS
	43-047-50647	NBU 921-30D2DS
	43-047-50648	NBU 921-30D3DS
\rightarrow	43-047-36999	NBU 920-25L

RECEIVED

AUG 17 2005

Form 3160-3 (August 2007)

FORM APPROVED OMB NO. 1004-0137

(August 2007) UNITED STAT	ES		l		Expires: Ju	ily 31, 2010	
DEPARTMENT OF THI		OR PN H 1 V (/ 12)	ŀ	5. Lease Seria	al No.		
BUREAU OF LAND MA				UTU05	79		
APPLICATION FOR PERMIT TO	1 60		. F	6. If Indian, A		e Name	
AFFLICATION FOR FERMIN TO	D1/155"-	See y 1 1 to took 1 de met 1 dans 1 14 de 2 1 19 de		NA			
					'A Agreement	Name and No.	
	<u> </u>	.			=	Itallic and 110.	
1a. Type of Work: X DRILL	REENTE	R	}	8910089	ne and Well No		
1b. Type of Well: Oil Well X Gas Well Other	. —	Single Zone X Multiple Zon	ne:	NBU 92			
	' <u> </u>	Single Zone X Istuitible Zon		9. API Well i			
2. Name of Operator							
Kerr-McGee Oil & Gas O	nshore, LP			43-047-	36999		
3a. Address	3b. Phon	e No. (include area code)		10. Field and I	Pool, or Explor	atory	
PO Box 173779		Kathy Schneebeck Dulnaon	,	Natural	Buttes Field		
Denver, CO 80217-3779		720-929-6007					
4. Location of well (Report location clearly and In accordance wit	h any State r	equirements.*) NAD 83	.	11. Sec.,T.,R.,	M.,or Blk.	and Survey	or Area
At surface 1.993' FSL 650' FWL NW/4 SW/4 Lat	. 40.0	04228 Long109.62	1636				
•			ĺ	25 T	9S R 2	DE S.L.B. &	: M.
At proposed prod. zone 1,956' FSL 713' FWL	N	W/4 SW/4 Sec. 25 T9S R20E	-				
14. Distance in miles and direction from the nearest town or post off	ice*			12. County or	Parish	13. S	State
Approximately 9.6 miles southeast of Ouray, Utah				Ui	ntah	U	ltah
		C Na of comming lange	17 500	ing Unit dedica	atad to this wel		
15. Distance from proposed*	1	6. No. of acres in lease	17. Spac	ing Onit dealer	ated to tills we	1	
location to nearest 713' property or lease line, ft.		1,900.00	U	nit well			
(Also to nearest drlg. unit line, if any)		-,					
18. Distance from proposed location*	1	9. Proposed Depth	20. BLN	I/BIA Bond N	o. on file		
to nearest well, drilling, completed, $\pm 1,000$	'	10,050'	l u	YB000291			
applied for, on this lease, ft.			<u> </u>				
21. Elevations (Show whether DF. RT, GR, etc.)	2	Aproximate date work will st	art*	23. Estin	nated duration		
4,874' Ungraded Ground Level	KB	June 1, 2009		10	days	•	
		24. Attachments					
The following, completed in accordance with the requirements of On	ahara Oil and		ed to this	form			
The following, completed in accordance with the requirements of On	SHOLE OIL ALL	i Oas Order 140. I shan be anach	ca to mis	iorni.			
1. Well plat certified by a registered surveyor.		4. Bond to cover the op	erations u	inless covered l	by existing bon	d on file(see	
2. A Drilling Plan.		item 20 above).					
3. A Surface Use Plan (if the location is on National Forest System	Lands, the	Operator certification			,		
SUPO shall be filed with the appropriate Forest Service Office).		6. Such other site speci	ific inform	ation and/ or p	lans as may be	required by the	1
		authorized officer					
25. Signature	Name (Pr	rinted/Typed)			Date	36 13 3	
Lady Soll Duly		Kathy S	Schneebec	k Dulnoan		May 12, 2	009
Title		E-mail:	katl	nv.schneebe	ckdulnoan@	anadarko.co	m
Staff Regulatory Analyst		Phone:		-	720-929-6007		
I.D. (C	Name (P	rinted/Typed)			Date		
Approved By (Signature)		~ //				III 10	2009
Gy knip		ear kencels					
Title Assistant Field Manager	Office	VERNAL FIELD	OFEN	' E			
Application approval does not warrant or certify that the applicant	t holds lass!	or equitable title to those rich	ts in the	subject lease s	which would a	ntitle the annlin	cant to conduc
Application approval does not warrant or certify that the applicant operations thereon.			U ATT	ACUED			to conduc
operations thereon. Conditions of approval, if any, are attached.	CUNL	ITIONS OF APPROVA	MLMII.	חטרובט			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212.	make it a c	erime for any person knowingly	and wil	lfully to make	to any depart	ment or agency	of the Unite

* (Instructions on page 2)

UDOGN

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOTICE OF APPROVAL

RECEIVED
JUL 1 4 2009

Burnes and well a second

NOS 6/30/05



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-440(



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Kerr McGee Oil & Gas, LP

Location:

NWSW, Sec. 25, T9S, R20E(S)

NWSW, Sec. 25, T9S, R20E(B)

Well No:

NBU 920-25L

Lease No:

UTU-059

API No:

43-047-36999

Agreement:

Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number	
Petroleum Engineer	Michael Lee	(435) 781-4432	(435) 828-7875	
Petroleum Engineer	Ryan Angus	(435) 781-4430	(435) 828-7368	
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913	
Supervisory NRS	Karl Wright	(435) 781-4484		
NRS/Enviro Scientist	Christine Cimiluca	(435) 781-4475		
NRS/Enviro Scientist	Dan Emmett	(435) 781-3414	(435) 828-4029	
NRS/Enviro Scientist	Anna Figueroa	(435) 781-3407	(435) 828-3548	
NRS/Enviro Scientist	Lori Ford	(435) 781-4406		
NRS/Enviro Scientist	David Gordon	(435) 781-4424		
NRS/Enviro Scientist	James Hereford	(435) 781-3412	(435) 828-3546	
NRS/Enviro Scientist	Chuck Macdonald	435) 781-4441	(435) 828-7481	
NRS/Enviro Scientist	Nathan Packer	(435) 781-3405	(435) 828-3545	
NRS/Enviro Scientist	Paul Percival	(435) 781-4493	(435) 828-7381	
NRS/Enviro Scientist	Verlyn Pindell	(435) 781-3402	(435) 828-3547	
NRS/Enviro Scientist	Holly Villa	(435) 781-4404	(435) 828-3544	
		Fax: (435) 781-3420		

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

A contract to the contract of	MOTH	CATION REQUIREMENTS
Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

Page 2 of 7 Well: NBU 920-25L 1/8/2009

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

• Paleontology: Monitor the construction of the access road, pipelines, and well pad, by a qualified permitted paleontologist. Report all mitigation-curation of vertebrates and other scientifically significant fossils that may be affected by the construction.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

• A surface casing shoe integrity test shall be performed.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

Page 4 of 7 Well: NBU 920-25L 1/8/2009

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 7 Well: NBU 920-25L 1/8/2009

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - O Unit agreement and/or participating area name and number, if applicable.
 - O Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

Page 6 of 7 Well: NBU 920-25L 1/8/2009

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.